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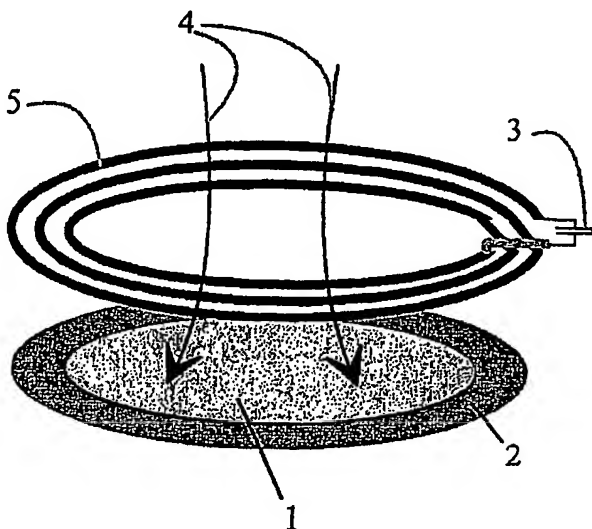
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(54) Title: A RADIOFREQUENCY BASED SENSOR ARRANGEMENT AND A METHOD



(57) Abstract: The invention relates to  
a sensor arrangement and a method for  
a sensor arrangement (1, 3, 5) remotely  
readable by radio frequencies. The sensor  
arrangement comprises an LC resonator  
(3, 5) which comprises a capacitor (3) and  
a coil (5), and a sensor element (1) coupled  
to the LC resonator (3, 5) whose properties  
change as a function of a measurable  
quantity. A sensor element (1) according to  
the invention does not form a direct galvanic  
contact with the LC resonator (3, 5), rather  
the coupling is implemented capacitively or  
inductively.

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